

Application No. 10/647,435  
Attorney Docket No. P63215US2

Amendments to the claims:

Claims 1-13 (cancelled).

14. (New) An appliance for containing organic components that are one or more kinds selected from the group consisting of halogen and sulfur during heat decomposition effected in a heating device, said appliance comprising, in the absence of firing means:

a) a heating section in the form of a tube, open at only one of two opposing ends, having a length between said opposing ends of at least 10 cm and being molded of material that withstands (i) corrosive gases, (ii) oxidative corrosion, and (iii) heating to a temperature of at least 600°C; and

b) an introducing section that cooperates with the open end of said heating section in the form of a tube to seal the open end and, thereby, close said heating section in the form of a tube for heat decomposition when containing organic components, said introducing section including means for introducing liquid through said introducing section into said heating tube when closed;

heating of said appliance being effected only by external means, said appliance containing no source of heat.

15. (New) The appliance of claim 14 wherein said open end of said heating section in the form of a tube and said introducing section cooperate through a ground surface of said heating section in the form of a tube meeting a corresponding ground surface of said introducing section.

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16. (New) The appliance of claim 14 wherein said open end of said heating section in the form of a tube and said introducing section cooperate through an O-ring annularly disposed about said heating section in the form of a tube.
17. (New) The appliance of claim 14 wherein said open end of said heating section in the form of a tube and said introducing section cooperate by screwing together through a threaded part of said heating section in the form of a tube and a corresponding threaded part of said section.
18. (New) The appliance of claim 14 wherein said means for introducing liquid is
  - a) a two-way cock,
  - b) a valve, or
  - c) a packing or septum that can be pierced by a needle pipe.
19. (New) The appliance of claim 15 wherein said means for introducing liquid is
  - a) a two-way cock,
  - b) a valve, or
  - c) a packing or septum that can be pierced by a needle pipe.
20. (New) The appliance of claim 16 wherein said means for introducing liquid is
  - a) a two-way cock,
  - b) a valve, or
  - c) a packing or septum that can be pierced by a needle pipe.
21. (New) The appliance of claim 17 wherein said means for introducing liquid is

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- a) a two-way cock,
  - b) a valve, or
  - c) a packing or septum that can be pierced by a needle pipe.
- 22. (New) The appliance of claim 14 wherein said tube is closed.
  - 23. (New) The appliance of claim 15 wherein said tube is closed.
  - 24. (New) The appliance of claim 16 wherein said tube is closed.
  - 25. (New) The appliance of claim 17 wherein said tube is closed.
  - 26. (New) The appliance of claim 18 wherein said tube is closed.
  - 27. (New) The appliance of claim 19 wherein said tube is closed.
  - 28. (New) The appliance of claim 20 wherein said tube is closed.
  - 29. (New) The appliance of claim 21 wherein said tube is closed.